FILIP'YEV, V.S.; SMOLYANINOV, N.P.; FESENKO, Ye.G.; BELYAYEV, I.N.

Preparation of $BiFeO_3$ and determination of its unit cell. Kristallografiia 5 no. 6:958-959 N-D '60. (MIRA 13:12)

1. Rostovskiy-na-Donu gosudarstvennyy universitet.
(Bismuth ferrate)

37172
S/078/62/007/005/012/014
B101/B110

18.9200

AUTHORS: Belyayev, I. N., Smolyaninov, N. P.

TITLE: The ternary system Bi_2O_3 - MoO_3 - PbO

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 5, 1962, 1126 -1131

TEXT: A systematic study of systems containing Bi_2O_3 for the preparation of new, utilizable compounds involved a study of the system Bi_2O_3 - MoO_3 - PbO. The binary systems Bi_2O_3 - MoO_3 and PbO - MoO_3 were completely investigated for the first time. Three congruent compounds were found in the former system: $Bi_2(MoO_4)_3$, m.p. 648°C; Bi_2MoO_6, m.p. 970°C; and $3Bi_2O_3 \cdot MoO_3$, m.p. 990°C. The latter compound forms solid solutions with Bi_2O_3 and Bi_2MoO_6. The solid solutions with Bi_2O_3 show neither maxima nor minima. The solid solutions of $3Bi_2O_3 \cdot MoO_3$ with Bi_2MoO_6 show a temperature minimum at 930°C and 33.3% MoO_3. The compound $Bi_2(MoO_4)_3$ forms with

Card 1/4

The ternary system Bi_2O_3 - MoO_3 - PbO

Bi_2MoO_6 a eutectic at 636°C and 72.5% Mo, and with MoO_3 a eutectic at 618°C and 81.5% MoO_3. Two compounds were found in the system PbO - MoO_3: Pb_2MoO_5, m.p. 952°C, and $PbMoO_4$, m.p. 1065°C. Eutectics exist at 11.7; 37.5; and 82.5% MoO_3, their melting points are 762, 935, and 680°C, respectively. The surface of primary crystallization of the ternary system was also studied for the first time (Fig. 5). The greater part of the crystallization surface consists of solid solutions Bi_2O_3 + $3Bi_2O_2 \cdot MoO_3$. The solid solutions $3Bi_2O_3 \cdot MoO_3$ + Bi_2MoO_6 decompose within the ternary system into their components. The ternary system has six nonvariant points:

	m.p., °C	Composition, %		
		Bi_2O_3	MoO_3	PbO
E_1	610	22.5	72.0	5.5
E_2	602	15.0	78.0	7.0
E_3	790	14.5	32.5	53.0
E_4	635	8.5	14.5	77.0
E_5	570	29.0	2.0	69.0
P	832	24.0	35.5	40.5

S/078/62/007/005/012/014
B101/B110

The ternary system Bi_2O_3 - MoO_3 - PbO

There are 6 figures and 3 tables.

SUBMITTED: June 10, 1961

Fig. 5. Orthogonal projection of the space diagram of the system Bi_2O_3 - MoO_3 - PbO on the composition triangle.

Card 3/4

S/078/62/007/005/012/014
B101/B110

The ternary system Bi_2O_3 - MoO_3 - PbO

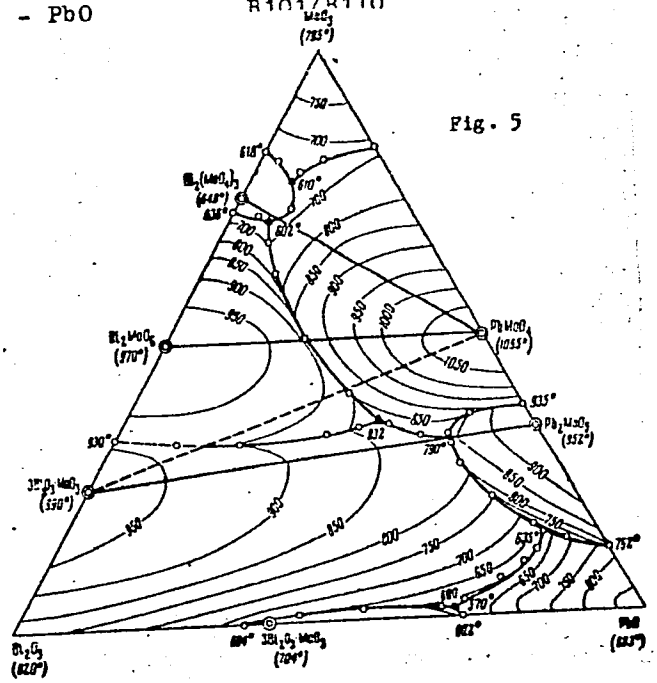

Fig. 5

Card 4/4

SMOLYANINOV, N.P.; BELYAYEV, I.N.

Investigation the system Bi_2O_3 - WO_3 - PbO. Zhur.neorg.khim. 7 no.11:2591-2595 N '62. (MIRA 15:12)
(Bismuth oxide) (Tungsten oxide)
(Lead oxide)

S/078/63/008/002/006/012
B101/B186

AUTHORS: Belyayev, I. N., Smolyaninov, N. P., Kal'nitskiy, N. R.

TITLE: Investigation of the system Bi_2O_3 - TiO_2 - PbO

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 2, 1963, 384 - 388

TEXT: The binary system Bi_2O_3 - TiO_2 was investigated with the aid of the fusibility method up to a content of 30 mole% TiO_2. A new congruently melting compound, $Bi_{24}TiO_{38}$, m.p. 844°C, was found, which crystallizes in a cubic body-centered lattice (a = 9.05 ± 0.02 kX). Mixed with 2.5 mole% TiO_2 it forms a eutectic with the m.p. at 797°C and containing 10.0 mole% TiO_2 it forms a eutectic having the m.p. at 821°C. Additionally, through X-ray analysis, the compounds $Bi_4Ti_3O_{12}$ and $Bi_2Ti_3O_9$ were found. From dilatometric and thermographic investigations it followed that $Bi_2Ti_3O_9$ undergoes a phase transition between 180 and 260°C. In the ternary system Bi_2O_3 - TiO_2 - PbO the crystallization regions of the phases Bi_2O_3,

Card 1/3

S/078/63/008/002/006/012
B101/B186

Investigation of the system...

$Bi_{24}TiO_{38}$, $Bi_6Pb_2O_{11}$, Pb_2TiO_4 and PbO were determined. For the four ternary points the following compositions were found in mole%:

	Bi_2O_3	TiO_2	PbO	m.p., °C
E_1	63.5	0.5	36.0	680
E_2	29.5	1.0	69.5	599
P_1	70.0	8.0	22.0	775
P_2	49.0	2.0	49.0	608

Dilatometrical, thermographical and X-ray analysis of the cross sections of $Bi_4Ti_3O_{12}$ - $PbTiO_3$ and $Bi_2Ti_3O_9$ - $PbTiO_3$ proved the formation of $Bi_4PbTi_4O_{15}$ and of the new compound $Bi_2PbTi_4O_{12}$. The similarity between the powder patterns of $Bi_2PbTi_4O_{12}$ and those of $Bi_4Ti_3O_{12}$. $Bi_4PbTi_4O_{15}$ and $Bi_2SrTi_4O_{12}$ lead to the conclusion that $Bi_2PbTi_4O_{12}$ too may be regarded as a ferroelectric material with laminated structure. There are 5 figures and 4 tables.

Card 2/3

The most important English-language reference is: E. C. Subbarao, J. Chem. Phys., 34, 695 (1961).

SUBMITTED: May 22, 1962

AID Nr. 994-2 20 June

PHASE EQUILIBRIA (Cont.) S/078/63/008/005/013/021

$PbO - V_2O_5$ and $Bi_2O_3 - PbO$ have previously been described. On the basis of all these diagrams and the thermal analysis of 24 sections of the ternary system, a diagram of the surface of primary crystallization of the system $B_2O_5 - V_2O_5 - PbO$ was plotted. The system was shown to contain 11 solid phases, including the ternary compound $BiPb_3(VO_4)_3$, which melts with decomposition at 793°C, and 9 invariant points, 4 of which are eutectic. [BAO]

Card 2/2

PA 197T54

SMOL'YANINOV, N. T.

USSR/Engineering - Hydraulics, Spillways Apr 51

"Influence of Flowing Conditions of Stream and Coarseness of Drift Materials on Local Scour in Downstream Level of Structures," N. T. Smol'yaninov, Engr

"Gidrotekh Stroi" No 4, pp 22-24

Describes briefly results of investigations conducted in open laboratory of the Inst of Structures, Acad Sci Uzbek SSR, in connection with studying extensive local scours occurring in one of the large hydraulic structures in Central Asia.

197T54

SMOLYANINOV, N. T.

Dams.

Destruction of rock in the under water of a dam by falling water.
Gidr. stroi 21 no. 2:22-24 F '52.

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

AID P - 4004

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 11/18

Author : Smol'yaninov, N. T., Eng.

Title : On local washouts in the tailrace of installations.

Periodical : Gidro. stroi., 8, 32-34, 1955

Abstract : The author brings forth formulae used by designers and presents his analysis of the computation of possible local washouts. Three diagrams. Six Russian refs., 1927-1954.

Institution : None

Submitted : No date

SOV/137-58-12-24737

A Fixture for the 1D-63-A Metal Lathe Permitting Butt Welding of Shafts (cont.)

components being welded are pressed together and the lathe is brought to a halt. The F described has considerably improved the quality of welded joints, the mechanical properties of which are equivalent to those of new seamless shafts.

A P.

Card 2/2

SMOL'YANINOV, S.I.

Laboratory gas generator. S. I. Smol'yaninov. U.S.S.R. 103,774, Sept. 25, 1956. A generator for producing water gas and CO from charcoal, coke, or similar materials placed between 2 electrodes is described. M. Hosch

GEBLER, I.V.; SMOL'YANINOV, S.I.

Influence of hydrodynamic conditions on the synthesis of hydrocarbons from carbon monoxide and hydrogen at atmospheric pressure. Khim. i tekh.topl. i masel no.8:51-56 Ag '57. (MIRA 10:10)

1.Tomskiy politekhnicheskiy institut.
(Chemistry, Organic--Synthesis)
(Gas flow)

32-7-38/49

AUTHORS: Smol'yaninov, S. I., Popov, D. D., Zobvoyev, D. D.

TITLE: An Apparatus for the Determination of the Aniline Sources of Dark Mineral Oil Products (Pribor dlya opredeleniya anilinovykh tochek temnykh nefteproduktov).

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, Nr 7, pp. 873-873 (USSR)

ABSTRACT: The apparatus consists of an electric pocket torch, a test tube with pressed-in bottom into which a bulb is fitted, the "wire mixer", and a thermometer. 3 ml aniline and a mineral oil product are introduced into the tube. The moment of complete dissolution is controlled by interior illumination. If the solution becomes dull, the filament of the bulb is invisible, By means of this apparatus it is possible to determine aniline sources. There is 1 figure.

ASSOCIATION: Polytechnic Institute of Tomsk (Tomskiy politekhnicheskiy institut).

AVAILABLE: Library of Congress

Card 1/1

The Determination of Aniline Spots of Petroleum Products SOV/32-25-2-45/78

ASSOCIATION: Tomskiy politekhnicheskiy institut (Tomsk Polytechnic Institute)

Card 2/2

GEBLER, I.V.; SMOL'YANINOV, S.I.; POTAPENKO, V.Ye.; KOSOLAPOV, V.I.

Effect of the additions of iron ore and fluxes on the properties of peat as a metallurgical fuel. Izv.TPI 111:86-90 '61. (MIRA 16:9)

(Peat) (Iron ore) (Fuel)

G[illegible], [illegible].V.; S[illegible]'[illegible]NOV, S.I.

Brown coals in the Tugan region of Tomsk Province. Izv.TPI 111: 101-103 '61. (MIRA 16:9)
(Tomsk Province—Coal)

SMOL'YANINOV, S.I.; MIRONOV, V.M.; KRAVTSOV, A.V.

Effect of the hydrodynamic conditions on the synthesis of organic compounds from carbon monoxide and water vapor. Khim.i tekh. topl.i masel 7 no.8:12-16 Ag '62. (MIRA 15:8)

1. Tomskiy politekhnicheskiy institut.
(Chemistry, Organic--Synthesis) (Carbon monoxide) (Water vapor)

SMOL'YANINOV, S.I., kand.tekhn.nauk; VORONIN, V.Ye., inzh.

Manufacture of peat thermobriquets under high heating rate conditions. Torf.prom. 39 no.4:26-30 '62. (MIRA 15:7)

1. Tomskiy politekhnicheskiy institut.
(Briquets (Fuel))
(Pyrolysis)

GEBLER, I.V.; SMOL'YANINOV, S.I.

Prospects for the development of metallurgical and chemical industries in the Tomsk Province. Izv. TPI 126:3-7 '64. (MIRA 18:7)

GEBLER, I.V.; SMOL'YANINOV, S.I.

Fuel-smelting materials based on peat. Izv. TPI 126:8-11 '64.
(MIRA 18:7)

LOBAS, G.P.; SMOL'YANINOV, S.I.

Apparatus for the high-frequency determination of concentration. Izv. TPI 126:80-83 '64. (MIRA 18:7)

SMOL'YANINOV, S.I.; STRAMKOVSKAYA, K.K.; SMIRNOV, A.P.; OLITSKIY, I.F.; KVASHNIN, S.A.

Removal of dust and tar from gases by electrostatic precipitation. Izv. TPI 126:91-97 '64. (MIRA 18:7)

GEBLER, I.V.; MARTYNOV, A.M.; SEVERIN, B.M.; SMOL'YANINOV, S.M.

Effect of pressure and moisture on the properties of peat as a metallurgical fuel. Torf.prom. 36 no.8:16-20 '59. (MIRA 13:3)

1. Tomskiy politekhnicheskiy institut.
(Peat)

SMOL'YANINOV, V.

Concern for the development of the exchange of goods between town and country. Sov. torg. 33 no. 4:48-56 Ap '60. (MIRA 14:5)

1. Byvshiy zamestitel' Upravdelami Soveta truda i oborony, chlen Kommunisticheskoy partii Sovetskogo Soyuza s 1908 g.
(Lenin, Vladimir Il'ich, 1870-1924)
(Russia--Commerce)

AUTHOR: Smol'yaninov, V. SOV-2-58-7-4/14

TITLE: Recalling the First Years of Work at the Central Administration of Statistics (Iz vospominaniy o pervykh godakh raboty TsSU)

PERIODICAL: Vestnik statistiki, 1958, Nr 7, pp 25 - 36 (USSR)

ABSTRACT: From 1921 to 1923 the author collaborated closely with Lenin on economic matters, and he points out the exclusive role of Lenin in directing the first steps of Soviet statistics. There are 16 Soviet references.

Card 1/1

TITKOV, N.I.; KORZHUYEV, A.S.; NIKISHIN, V.A.; SMOLYANINOV, V.G.

Using electric current for strengthening rocks in well walls. Trudy Inst.nefti 11:85-110 '58. (MIRA 11:12)
(Rocks) (Electric currents)

SMOLYANINOV, V. G.

with N. I. Titkov, A. S. Korzhuyev and V. A. Nikishin "Application of Electric Current for Strengthening the Core of Oil Wells"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field Industry, Moscow, Izd-vo AS SSSR, 1958. 346pp.

SMOLYANINOV, V. G.

14(5) PHASE I BOOK EXPLOITATION SOV/2641

Titkov, Nikolay Iosafovich, Aleksandr Sergeyevich Korzhuyev, Vladimir Georgiyevich Smolyaninov, Vladimir Aleksandrovich Nikishin, and Anna Yakovlevna Neretina

Elektrokhimicheskiy metod zakrepleniya neustoychivykh gornykh porod (Electrochemical Method for Consoldation of Unstable Rocks) Moscow, Gostoptekhizdat, 1959. 77 p. (Series: Novaya tekhnika neftyanoy promyshlennosti) Errata slip inserted. 2,000 copies printed.

Ed.: M.A. Geyman; Exec. Ed.: N.D. Dubrovina; Tech. Ed.: A.S. Polosina.

PURPOSE: This book is intended for engineers and technicians of the petroleum and mining industry, for constructors of railroads, highways, and hydraulic systems, and for scientists concerned with the problem of consolidating unstable soft rock formation.

COVERAGE: The book presents scientific principles of the electrochemical method applied in order to consolidate unstable soft rocks, and reviews results of laboratory and field tests conducted to appraise the practicability of

Card 1/4

of Sciences V.Ye. Bykov, Ye.G. Getts, S.N. Yelovikova, N.I. Maksimova, and A.S. Chekhlov. There are 5 references: 3 Soviet and 2 German.

TABLE OF CONTENTS:

TITKOV, N.I.; KORZHUYEV, A.S.; SMOLYANINOV, V.G.; NIKISHIN, V.A.

Stabilizing clays in well walls by the eletrochemical method. Neft.khoz. 37 no.3:38-40 Mr '59. (MIRA 12:5)
(Clay)

SMOLYANINOV, V.G.

Using the direct current for treating boreholes in order to eliminate the absorption zones. Neft. i gaz. prom. no.2:29-34 Ap-Je '62. (MIRA 15:6)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.

(Oil well drilling fluids)

SMOLYANINOV, V.G., inzh.

Safety problems in cementing oil wells by electrochemical methods. Bezop.truda v prom. 6 no.4:12-13 Ap '62. (MIRA 15:5)
(Oil well cementing—Safety measures)

SMOLYANINOV, V.G., gornyy inzh., nauchnyy sotrudnik

Electrochemistry at the drilling rig. Neftianik 7 no.7:11-12 Jl '62. (MIRA 16:3)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.
(Oil-well cementing)

SMOLYANINOV, V.G.

New method of eliminating areas of circulation loss in drilling wells. Razved. i okhr. nedr 28 no.10:27-32 O '62. (MIRA 15:11)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.
(Oil well drilling fluids)

TITKOV, N.I.; KUZ'MENKOV, P.G.; SMOLYANINOV, V.G.

Trends in the improvement of equipment for the electrochemical strengthening of well walls. Mash. i neft. obor. no.2:3-10 '64. (MIRA 17:8)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.

SMOLYANINOV, V.G.

Unit for completion, flushing, and damping of wells with partial well case off. Mash. i neft. obor. no.4:3-5 '64. (MIRA 17:6)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.

TITKOV, N.I.; SMOLYANINOV, V.G.; ABDULLIN, R.A.

Safe method of testing wells with the help of isotopes. Bezop. truda v prom. 8 no.10:43-44 O '64. (MIRA 17:11)

SMOLYANINOV, V.G.

Nature of paraffin formation on wells with partial case-off.
Nefteprom. delo no.1:18-22 '65. (MIRA 18:3)

1. Institut geologii i razrabotki goryuchikh iskopayemykh AN SSSR.

SMOLYANINOV, V.G.

Borehole flushing, flowing well damping, and well completion when using packers. Naft. i gaz.prom. no.1:38-39 Ja-Mr '65.

(MIRA 18:6)

SMOLYANINOV, V.G.

Instrument for the investigation of wells by means of radioactive isotopes. Mash. i neft. obor. no.11:9-10 '64. (MIRA 19:1)

1. Institut geologii i razrabotki goryuchikh iskopayemykh, Moskva.

SMOLYANINOV, V.L., inzh.

Purification of flue gas in rotary and stack kilns for magnesite and dolomite firing. Ogneupory 19 no.5:201-207 '54. (MIRA 11:8)

1. Leningradskiy institut ogneuporov.
(Fly ash) (Refractories industry--Equipment and supplies)

SMOL'YANINOV, Vladimir Mikhaylovich, prof.; TATIYEV, Konstantin Ivanovich, prof.; CHERVAKOV, Vasiliy Fedorovich, prof.; RYABOV, G.Z., red.; ZAKHAROVA, A.I., tekhn.red.

[Forensic medicine] Sudebnaia meditsina. Moskva, Gos.izd-vo med. lit-ry, 1959. 367 p. (MIRA 13:5)
(MEDICAL JURISPRUDENCE)

SMOL'YANINOV, V.M.

"The Department of Forensic Medicine of the First Moscow Medical Institute. Research acitivty 1917-1957" by E.E.Matova and others. Reviewed by V.M.Smol'ianinov. Sud,-med. ekspert. 3 no.3:58-59 Jl-S '60. (MIRA 13:9)

(MEDICAL JURISPRUDENCE) (MATOVA, E.E.)

SMOL'YANINOV Vladimir Mikhaylovich

[Medical jurisprudence] Sudebnaia meditsina. Izd.2., ispr. i dop. Moskva, Medgiz, 1961. 399 p. (MIRA 14:11)
(MEDICAL JURISPRUDENCE)

SMOL'YANINOV, Vladimir Mikhaylovich; TATIYEV, Konstantin Ivanovich, prof. [deceased]; CHERVAKOV, Vasiliy Fedorovich, prof.; RYABOV, G.Z., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Forensic medicine] Sudebnaia meditsina. Izd.3., ispr. i dop. Moskva, Medgiz, 457 p. 1961 (MIRA 16:10)
(MEDICAL JURISPRUDENCE)

PROZOROVSKIY, V.I., zasl. deyatel' nauki, prof., otv. red.; BRONNIKOVA, M.A., prof., red.; GROMOV, L.I., prof., red.; KANTER, E.I., st. nauchn. sotr., red.; KOLOSOVA, V.M., st. nauchn. sotr., red.; KUBITSKIY, Yu.M., prof., red.; MITYAYEVA, N.A., st. nauchn. sotr., red.; RUBTSOV, A.F., st. nauchn.sotr., red.; SMOL'YANINOV, V.M., prof., red.

[Transactions of the Fourth All-Union Conference of Forensic Medical Experts] Sbornik trudov chetvertoy Vsesoyuznoy konferentsii sudebnykh medikov. Riga, M-vo zdravookhraneniia SSSR, 1962. 588 p. (MIRA 17:11)

1. Vsesoyuznaya konferentsiya sudebnykh medikov. 4th, 1962. 2. Nauchno-issledovatel'skiy institut sudebnoy meditsiny Ministerstva zdravookhraneniya SSSR (for Gromov, Bronnikova, Kanter, Mityayeva, Rubtsov). 3. Direktor Nauchno-issledovatel'skogo instituta sudebnoy meditsiny Ministerstva zdravookhraneniya SSSR (for Prozorovskiy). 4. Zamestitel' Predsedatelya Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya RSFSR (for Smol'yaninov).

SMOLYANINOV, V.M., prof.

Shortcomings in planning the training of centers of medical sciences. Biul. Uch. med. sov. 3 no.4:28-30 Jl-Ag '62. (MIRA 17:8)

SMOL'YANINOV, V.M.; BRONSHTEYN, Ye.Z.

Medicolegal examination of ecchymoses. Sud.-med. eksper. 7 no.1:19-21 Ja-Mr'64 (MIRA 17:4)

1. Kafedra sudebnoy meditsiny (zav. - prof. V.M. Smol'yaninov) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

ANDREYEV, S.V., prof.; KRAVCHENKO, A.T., prof.; NAUMENKO, V.G., kand. med. nauk; Prinimali uchastiye: GORDILOVA, V.V., prof.; YESIPOVA, I.K., prof.; SMOL'YANINOV, V.M., prof.; SOKOLOV, M.I., prof.

Dissertations on pathological and microbiological problems; current state and future prospects. Sov. med. 27 no.6:147-151 Je '64. (MIRA 18:1)

SMOLYANINOV, V.I., inzh.

Investigating the operation of the K-116 press to determine losses during the periods of idle and working strokes of a crank press. Vest.mash. 41 no.2:46-50 F '61. (MIRA 14:3)
(Power presses—Testing)

SMOLYANINOV, V.P.

Selecting a method of calculating the power of a crank press. Kuz.-shtam. proizv. 5 no.11:33-35 N '63. (MIRA 17:1)

SMOLYANINOV, V.P.

Position of the friction engagement clutch on a crank press. (MIRA 16:5)
Kuz.-shtam. proizv. 4 no.5:34 My '62.
(Power presses--Electric driving)

SMOLYANINOV, V.P.

Determining power losses in the course of work of a K232B crank press. Kuz.-shtam. proizv. 5 no.1:24-25 Ja '63. (MIRA 16:2)
(Power presses) (Friction)

KHABA, G.M.; [illegible], V.F.; KOLAMOYTSEV, A.A.

Causes of the crumbling-out of hard-alloy blanking dies. Kuz.-shtam. proiziv. 7 no.8:21-23 Ag '65. (MIRA 18:9)

ANDREYEV, Mikhail Grigor'yevich; SMOL'YANINOVA, Aleksandra Mitrofanovna; KOLEDENKOV, Sergey Semenovich; KOMAROV, Sergey Georgiyevich; SHMAMSAR', D.N., retsenzent; DOROFEYEVA, A.I., retsenzent; PESKOVA, L.N., red.; VOROTNIKOVA, L.F., tekhn. red.

[Planning, business accounting and analysis of the administrative operations of a railroad car depot]Planirovanie, khozraschet i analiz khozyaistvennoi deiatel'nosti vagonnogo depo. Moskva, Transzheldorizdat, 1962. 149 p. (MIRA 15:12)
(Railroads--Finance)

SMIRNOVA, G.M.; YEGOROVA, L.A.; KALININA, V.I.; UKHANOVA, V.A.; BEZGUBOVA, L.V.; ARTAMONOVA, V.V.; SMOL'YANINOVA, G.A.

Retardation of acid accumulation in case of continuous method of bread preparation from grade I wheat flour with a dough making machine with continuous action. Trudy TSNIIKHP no.8:151-152 '60. (MIRA 15:8)

(Dough)

SHOLUYANINOVA, I.L., Cand Med Sci -- (diss) "Surgical ~~Ele~~ plac in the treatment of concomitant strabismus and the effect of its results on the state of binocular vision." Mos, 1956, 13 pp (Second Mos State Med Inst im N.I. Pirogov) 250 copies (KL, 53-56, 131)

SMOL'YANINOVA, I.L.

Surgical treatment of convergenet concomitant strabismus and effect of binocular vision. Vest.oft. 71 no.4:17-19 Jl-Ag '58 (MIRA 11:8)

1. Otdeleniye okhrany zreniya detey (zav. - Ye.M. Belostotskiy) Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Ge.'mgol'tsa (dir. - A.V. Roslavtsev).
(STRABISMUS, surg.
eff. on postop.binocular vision (Rus))

SMOL'YANINOVA, I.L.

Measurement of coordination as a function test of the oculomotor muscles. Vest. oft. 73 no. 4:38-41 Jl-Ag '60. (MIRA 14:1)
(EYE--MUSCLES)

SMOL'YANINOVA, I.L., kand.med.nauk

Eye clinics in the Polish People's Republic. Vest.oft. no.1: 83-85 '62. (MIRA 15:11)

1. Nauchno-issledovatel'skiy institut glaznykh bolezney imeni Gel'mgol'tsa.
(POLAND—HOSPITALS, OPHTHALMIC AND AURAL)

SMOL'YANINOVA, I.L., kand.med.nauk

Some methods for the examination of patients with concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:19-26 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SMOL'YANINOVA, I.L., kand.med.nauk

Determination of the functional state of the oculomotor muscles by the method of coordination measurement. Uch.zap. GNII glaz. bol. no.7:35-40 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SMOL'YANINOVA, I.L., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Methodological basis of pre- and postoperative treatment and surgery in concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:81-90 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey i travmatologicheskogo otdeleniya Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SMOL'YANINOVA, I.L., kand.med.nauk

Results of pre- and postoperative treatment and surgery in convergent concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:91-100 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SMOL'YANINOVA, I.L., kand.med.nauk

Some problems in the diagnosis and treatment of strabismus with a vertical component. Uch.zap. GNII glaz.bol. no.7:109-112 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

BELOSTOTSKIY, Ye.M., doktor med.nauk [deceased]; AVETISOV, E.S., kand. med.nauk; FRIDMAN, S.Ya., kand.med.nauk; SMOL'YANINOVA, I.L., kand.med.nauk; KHVATOVA, A.V., kand.med.nauk

Basic problems of diagnosis and treatment of concomitant strabismus. Uch.zap. GNII glaz.bol. no.7:7-12 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

BELOSTOTSKIY, Ye.M., doktor med.nauk [deceased]; SMOL'YANINOVA, I.L., kand.med.nauk

New surgical method in secondary strabismus. Uch.zap. GNII glaz. bol. no.7:129-131 '62. (MIRA 16:5)

1. Iz otdeleniya okhrany zreniya detey Gosudarstvennogo nauchno-issledovatel'skogo instituta glaznykh bolezney imeni Gel'mgol'tsa.
(STRABISMUS)

SMOL'YANINOVA, L. A. and GOLYBKOVA, V. F.

""To the Method of Investigating Pollen," Dokl. AN SSSR, 75, No.1, pp. 125-26, 1950

Jr. Sci. Assoc., Botanical Inst. im. V. L. Komarov, AS USSR

SMOL'YANINOVA, L.A.

Genera: Dionysia, Soldanella, Hottonia, Samolus. Flora SSSR 18:208-217; 249-255 '52. (MLRA 6:5)
(Primulaceae)

SMOL'YANINOVA, L.A.; GOLUBKOVA, V.F.

Method of processing herbarium material. Bot.zhur. 38 no.4:573-574 Jl-Ag '53. (MLRA 6:9)

1. Botanicheskiy institut im. V.A.Komarova Akademii nauk SSSR, Leningrad.
(Plants--Collection and preservation)

SMOL'YANINOVA, L.A.; GOLUBKOVA, V.F.

Microtome slices of pollen grains. Izv. AN BSSR no.2:127-129 Mr-Ap '55. (MLRA 8:9)

(Pollen)

SMOL'YANINOVA, L.A.

Systematics of the genus Micropus L. Bot.mat.Gerb. 17:447-454 '55. (MLRA 9:5)

(Compositae)

SMOL'YANINOVA, L.A.

On the species Androsace bryomorpha Lipsky. Bot. mat. Gerb. 18:173-178 '57. (MLRA 10:6)

(Pamirs--Primroses)

SMOL'YANINOVA, L.A.

A new species of the genus Evax Gaertn. Bot. mat. Gerb. 18:269-273 '57. (MIRA 10:6)

(Kyzyl-Kum--Compositae)

BORISOVA, A.G.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GORSHKOVA, S.G.; GRUBOV, V.I.; KIRPICHNIKOV, M.E.; SMOL'YANINOVA, L.A.; TAMAMSHYAN, S.G.; TSVELEV, N.N.; YUZEPCHUK, S.V.; KOMAROV, V.L., akademik, glavnyy red.; SHISHKIN, B.K., red.izdaniya; BOBROV, Ye.G., doktor biol.nauk, prof., red.; SMIRNOV, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR. Moskva, Izd-vo Akad.nauk SSSR. 1959. 630 p. (MIRA 12:8)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Compositae)

BORISOVA, A.G.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GORSHKOVA, S.G.; GRUBOV, V.I.; KIRPICHNIKOV, M.E.; SMOL'YANINOVA, L.A.; TAMAMSHYAN, S.G.; TSVELEV, N.N.; TSVETKOVA, L.I.; YUZEPCHUK, S.V.; SHISHKIN, B.K., red.toma; BOBROV, Ye.G., doktor biol.nauk, prof., red.: SMIRNOVA, A.V., tekhn.red.

[Compositae] Compositae. Moskva, Izd.-vo Akad.nauk SSSR, 1959. 630 p.(Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR. no.25) (MIRA 13:4)

(Compositae)

SMOL'YANINOVA, L.A.

A note on the genus Symphyllocarpus Maxim. Bot.mat.Gerb. 20:282-288 '60. (MIRA 13:7)
(Amur Valley--Symphyllocarpus)
(Sungari Valley--Symphyllocarpus)

AFANAS'YEV, K.S.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GORSHKOVA, S.G.; IL'IN, M.M.; KIRPICHNIKOV, M.E.; KNORRING, O.E.; KUPRIYANOVA, L.A.; POBEDIMOVA, Ye.G.; POLYAKOV, P.P.; POYARKOVA, A.I.; SMOL'YANINOVA, L.A.; FEDOROV, An.A.; TSVETKOVA, L.I.; TSVELEV, N.N.; SHISHKIN, B.K.; KOMAROV, V.L., akademik, glavnyy red.; BOBROV, red.toma; SHISHKIN, B.K.; red.izd.; SMIRNOVA, A.V., tekhn.red.

[Flora of the U.S.S.R.] Flora SSSR. Moskva, Izd-vo Akad.nauk SSSR. 1961. 938 p. (Flora SSSR, vol. 26). (MIRA 15:2)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Compositae)

BOBROV, Ye.G.; BONDARTSEV, A.S.; BORISOVA, A.G.; VASIL'KOV, B.P.; VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GRUDZINSKAYA, I.A.; YEGOROVA, T.V.; ZINOVA, A.D.; IVANINA, L.I.; LEONOVA, T.G.; MATSENKO, A.Ye.; PIDOTTI, O.I.; POBEDIMOVA, Ye.G.; POLYAKOV, P.P.; POYARKOVA, A.I.; SAVICH, V.P.; SIN'KOVA, G.M.; SMIRNOVA, Z.N.; SMOL'YANINOVA, L.A.; FEDOROV, Al.A.; KHARADZE, A.L.; TSVELEV, N.N.; SHISHKIN, B.K.[deceased]; PEN'KOVA, G.A., red.; BARANOVA, L.G., tekhn. red.; FRIDMAN, Z.L., tekhn. red.

[Botanical atlas] Botanicheskii atlas. Moskva, Sel'khozizdat, 1963. 501 p. (MIRA 16:12)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Botany—Atlases)

[illegible] I. A.

[illegible] of Marshall [illegible]. Fiz. zhur. 50 no.4:[illegible]-565 Ap '56. (MIRA 18:5)

1. S. Ordzhonikidze Institute [illegible] SSSR, Leningrad.

S/128/60/000/005/003/004
A104/A133

AUTHORS: Kononov, M. N., and Smol'yaninova, L. S.

TITLE: Epoxy resin patterns

PERIODICAL: Liteynoye proizvodstvo, no. 5, 1960, 37-38

TEXT: The article deals with epoxy resin patterns used at the Leningradskiy zavod im. Lepse (Leningrad Plant im. Lepse). The patterns have a smooth finish, requiring no mechanical working, and molding sand does not stick to the pattern surface. The accuracy and surface finish of castings is equal to that of castings made from metal patterns. Epoxy resin patterns are formed on wooden or metal master patterns. Wooden master patterns are used for ГОСТ 1855-55 and ГОСТ 2009-55 (GOST 1955-55 and GOST 2009-55) patterns for castings of simple configuration, while metal patterns are employed for casting of 2nd class tolerances. The manufacturing technology of sand molds, consisting of a metal molding plate (1), wooden molding box (2), master model (3), coating layer (4) and basic sand mixture (5) is shown in Figure 1. Wooden patterns are coated with epoxy glue of the following composition: 39 weight parts ЭД-6, ВТУ М 646-55 (ED-6, VTU M 646-55) epoxy resin; 8 parts

Card 1/4

S/128/60/000/005/003/004
A104/A133

Epoxy resin patterns

by weight dibutylphtalate ГОСТ 3863-47 (GOST 3863-47); 3 parts by weight polyethylene polyamine ВТУ П-10-57 (VTU P-10-57) or tailings of hexamethylene diamine ВТУ No. 13x-23-28 (VTU No. 13kh-23-28) and 50 parts by weight acetone. The sand mold consists of a 2 - 4 mm coating layer and the basic sand mixture. The coating layer is composed of 52 weight parts ЭД-6, ВТУ 646-55 (ED-6, VTU 646-55) epoxy resin; 8 parts dibuthyl phtalate ГОСТ 3863-47 (GOST 3863-47); 5 parts ВТУ П-10-57 (VTU P-10-57) polyethylene polyamine or 10 parts tailings of hexamethylene diamine ВТУ No. 13x-23-28 (VTU No. 13kh-23-28) and 30 parts marshalite. Plastics molds are shown in Figure 2 where dibuthyl-phtalate is used as plasticizer. Two epoxy resin pattern mixtures are recommended. The first consists of 31.0 parts by weight ЭД-6 ВТУ М 646-55 (ED-6 VTU M 646-55) epoxy resin, 3.1 parts by weight ГОСТ 3863-47 (GOST 3863-47) dibutylphtalate, 3.1 parts by weight ВТУ П-10-57 (VTU P-10-57) polyethylene polyamine and 62.8 parts by weight АСМ ТУ 3648-53 (ASM TU 3648-53) powdered iron. The second mixture consists of 30.3 parts by weight ЭД-6 ВТУ М 646-55 (ED-6 VTU M 646-55) epoxy resin, 3.3 parts by weight ГОСТ 3863-47 (GOST 3863-47) dibuthylphtalate, 6.6 parts by weight ВТУ No. 1323-58 (VTU No. 1323-58) hexamethylene diamine tailings and 59.8 parts by weight АСМ ТУ

Card 2/4

Epoxy resin patterns

S/128/60/000/0[illegible]/003/004
A104/A133

3648-53 (ASM TU 3648-53) powdered iron. The physical and mechanical properties of the pattern materials are: linear shrinkage 0.3%, hardness H (diameter 5 mm, load 250 kg) 23 - 25, tensile strength 430 - 460 kg/cm^2, elongation 0.2%, toughness 0.12 - 0.14 kg-m/cm^2. The wear resistance of patterns is increased by heat treatment in the electric furnace according to the following conditions: heating to 30°C for 1 hour, 2 hours holding; temperature increase to 50°C for 1 hour, 4 hours holding; 1.5 hours cooling down to 30°C, 2 - 3 hours holding and 1 hour holding in the switched off furnace. Standard patterns made of epoxy resin and devised for the large-scale production of malleable cast iron castings are shown. Patterns of epoxy resins completely eliminate mechanical and bench work. There are 6 figures.

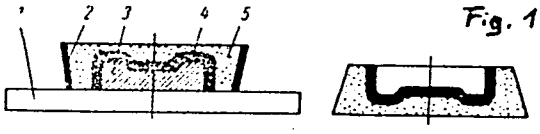

Fig. 1

Card 3/4

ABRAMOV, Viktor Leonidovich; SMOLYANINOVA, Lyutsiya Sergeyevna; FUDIM, Dmitriy Markovich; LIPNITSKIY, A.M., red.; GUMOVSKAYA, G.V., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Making pattern foundry equipment from epoxy resins; from practices of the Lepse Fittings Plant in Leningrad]Izgotovlenie liteinoi model'noi osnastki iz epoksidnykh smol; iz opyta Leningradskogo armaturnogo zavoda imeni Lepse. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no.3) (MIRA 15:9)

(Patternmaking)

USSR/General and Systematic Zoology. Insects. Harmful Insects and Acarids. Fodder Pests. P

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11612

Author : Smol'yaninova N.
Inst : Krasnoyarsk Scientific-Research Institute of Agriculture.
Title : Control of Alfalfa Pests in the Conditions of Irrigated Agriculture in Khakasia.

Orig Pub : Byul. nauchno-tekhn. inform. Krasnoyarskogo n.-i. inOta s. kh., 1957, No 1-2, 81-83

Abstract : According to data submitted by the Khakasia Experimental Station, the alfalfa pests decrease the harvest of the seeds by 30-40%. The burning-out of the alfalfa stubbles in early spring destroys the hibernating stages of the pests and, on the sowing areas with the burnt-out stubbles, the

Card : 1/2

USSR/General and Systematic Zoology. Insects. Harmful Insects and Acarids. Fodder Pests. P

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11612

numbers of alfalfa-leaf (larvae) and tubercule weevils and bugs are correspondingly reduced by 53, 49 and 50%. Autumnal irrigation of alfalfa creates better conditions for the plants, increasing their resistance to injury; it is unfavorable for the hibernation of the alfalfa-leaf weevil, decreasing the quantity of its larvae by 20-30%. Aerial dusting with 12% BHC, 20-25 kg/ha, in the beginning of the budding period, lowers the quantity of the pests by 90-95%, and increases the harvest of the seeds by 22-30%. -- A.P. Adrianov

Card : 2/2

GRUZDOV, S.F. [deceased]; SMOL'YANINOVA, N.K.; NITOCHKINA, A.P.; GOLUBINSKAYA, Ye.S., redaktor; PAVLOVA, M.M., tekhnicheskiy redaktor

[Raspberries and blackberries] Malina i ezhevika. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 156 p. (MIRA 9:8)
(Raspberries) (Blackberries)

ZAYETS, V.K., kandidat sel'skokhozyaystvennykh nauk; KASHICHKINA, M.I., kandidat sel'skokhozyaystvennykh nauk; SERGEYEVA, K.D., kandidat sel'skokhozyaystvennykh nauk; SMOL'YANINOVA, N.K., kandidat sel'skokhozyaystvennykh nauk, laureat Stalinskoy premii; SIMONOVA, M.N., kandidat sel'skokhozyaystvennykh nauk, laureat Stalinskoy premii; FILOSOFOVA, T.P.; KAZAKOVA, Ye.D., redaktor; ZUBRILINA, Z.P., tekhnicheskiy redaktor; GUREVICH, M.M., tekhnicheskiy redaktor

[Breeding barries; a collection of articles] Selektsiia iagodnykh kul'tur; sbornik statei. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 165 p. (MLRA 9:10)

1. Nauchno-issledovatel'skiy institut sadovodstva imeni I.V.Michurina.
2. Moskovskaya plodovo-yagodnaya opytnaya stantsiya (for Simonova, Smol'yaninova)
(Berries)

SMOL'YANINOVA, N.K.

IVANOVA, Yevgeniya Aleksandrovna; MARKOV, V.Ya.; SMOL'YANINOVA, N.K.; KAZAKOVA, Ye.D., red.; VESKOVA, Ye.I., tekhn.red.

[Berries for private garden plots] IAgodnye kul'tury v priusadebnom sadu. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 248 p. (Bibliotechka po sadovodstvu, no.13) (MIRA 10:12)

(Berries)

KAMSHILOV, N.A.; ANTONOV, M.V.; BAKHAREV, A.N.; BLINOV, L.F.; BORISOGLEBSKIY, A.D.; GAR, K.A.; GARINA, K.P.; GORSHIN, P.F.; GUTIYEV, G.T.; DELITSINA, A.V.; DUBROVA, P.F.; YEVTUSHENKO, A.F.; YEGOROV, V.I.; YEREMENKO, L.L.; YEFINOV, V.A.; ZHILITSKIY, Ya.Z.; ZHUCHKOV, N.G., prof.; ZAYETS, V.K.; ISKOL'DSKAYA, R.B.; KOLESNIKOV, V.A., prof.; KOLESNIKOV, Ye.V.; KOSTINA, K.F.; KRUGLOVA, V.A.; LEONT'YEVA, M.N.; LESYUK, Ye.A.; MUKHIN, Ye.N.; NAZARYAN, Ye.A.; NEGRUL', A.M., prof.; ODITSOV, V.A.; OSTAPENKO, V.I.; PETRUSEVICH, P.S.; PROSTOSERDOV, N.N., prof.; RUKAVISHNIKOV, B.I.; RYABOV, I.N.; SABUROV, N.V.; SABUROVA, T.N.; SAVZDARG, V.E.; SEMIN, V.S.; SIMONOVA, M.N.; SMOLYANINOVA, N.K.; SOBOLEVA, V.P.; TARASENKO, M.T.; FETISOV, G.G; CHIZHOV, S.T.; CHUGUNIN, Ya.V., prof.; YAZVITSKIY, M.N.; ROSSOSHCHANSKAYA, V.A., red.; BALLOD, A.I., tekhn.red.

[Fruitgrower's dictionary and handbook] Slovar'-spravochnik sadovoda. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 639 p. (MIRA 11:1)

(Fruit culture--Dictionaries)

SMOL'YANINOVA, N. K.

USSR/Diseases of Plants. Diseases of Cultivated Plants 0-3

Abs Jour : Ref Zhur-Biol., No 1, 1958, 1952

Author : Smol'yaninova N. K., Vologdina F. G.
Inst : Not given
Title : Double Petaled Black Currant and Measures of its Control

Orig Pub : Sad i ogorod, 1957, No 4, 63-64

Abstract : No abstract

Card 1/1

SMOL'YANINOVA, N. K.

USSR/Diseases of Plants. Diseases of Cultivated Plants O-3

Abs Jour : Ref Zhur-Biol., No 1, 1958, 1953

Author : Smol'yaninova N. K.
Inst : Not given
Title : Virus Disease of the Raspberry

Orig Pub : Sad i ogorod, 1957, No 6, 75-76

Abstract : No abstract

Card 1/1

SMOL'YANINOVA, N.K. (Moskva)

Destroy currant mites. Zashch.rast.ot vred. i bol. 3 no.2:56 Mr-Ap '58. (MIRA 11:4)
(Mites) (Currants--Diseases and pests)

SMOL'YANINOVA, Nataliya Konstantinovna; SOKOLOVA, N.A., red.; LAZAREVA, L.V., tekhn.red.

[Berry varieties for private orchards] Sorta iagodnykh kul'tur dlia priusadebnykh sadov. Moskva, Izd-vo Mosk.univ., 1960. 221 p. (MIRA 13:12)
(Berries--Varieties)